CITY OF ELKHART, INDIANA
INDUSTRIAL WASTE QUESTIONNAIRE

SECTION A. GENERAL INFORMATION (Type or Print, Please)

1. Company Name Vincent Bach I

2. Mailing Address P.O. Box 310

3. Address of Premises 500 Industrial Parkway, Elkhart, Ind. 46515

4. Name and Title of Signing Official A.M. Norris, Mfg. Mgr

5. Wastewater discharges to:

   City sewer system Yes

   Private septic system No

6. If your facility discharges to the City sewer system, check the types of discharges:

   X Sanitary _____ Wash water _____ Rinse water

   X Cooling water X Process water _____ Scrubber water

   _____ Other _____

   Note: If your facility discharges only to a private septic system and not to the City sewer system, or if only sanitary sewage is discharged to the City sewer system, it is only necessary to fill out Section A of this questionnaire. Otherwise, complete entire questionnaire.

7. Contact Official

   Name Herbert L. Kirts

   Title Chief Engineer

   Address 500 Industrial Parkway

   Phone Number 295-6730

The information contained in this questionnaire is familiar to me and to the best of my knowledge and belief, such information is true, complete, and accurate.

12/22/83 A.M. Norris
Date Signature of Official

SECTION B. PRODUCT OR SERVICE INFORMATION

1. Brief description of manufacturing or service activity on premises:

Manufacture of musical instruments includes nickel & silver plating and vibratory finishing.

2. Principal Raw Materials Used:

Brass, solder, soldering fluxes

3. Catalysts, Intermediates:

None

4. Principal Product or Service (use Standard Industrial Classification Manual if appropriate): 3931

5. Appended to this questionnaire is a list of Standard Industrial Classification (SIC) codes for industries currently or potentially subject to USEPA preteatment regulations. List SIC codes for each of your processes that are subject to USEPA pretreatment regulations.

3471 Electroplating, plating, polishing.

SECTION C. PLANT OPERATIONAL CHARACTERISTICS

1. Type of Discharge: _____ Batch __X__ Continuous _____ Both

   For batch discharges, list types, average number of batches/24 hrs. and volume (gallons) per batch. _____

2. Is there a scheduled shutdown? __Yes__

   When? __1st 2 weeks of July__

3. Is production seasonal? __Continuous__

   If yes, explain indicating months(s) of peak production.

   _____

4. Average number of employees per shift: __400__ 1st; __none__ 2nd; __none__ 3rd

5. Shift start times: __6:45 AM__ 1st; __None__ 2nd; __None__ 3rd

6. Shifts normally worked each day of the week:

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
1st		X	X	X	X	X	
2nd							
3rd							

7. Describe any wastewater treatment equipment or processes in use:

   Following selected process bath's, static rinse tanks are used to minimize affluent concentrations. Process changes & a water polution control facility are in the engineering & planning stages.

SECTION D. WATER CONSUMPTION AND LOSS

1. Raw Water Sources:

Source	Quantity
City of Elkhart Water Utility	87,200 gallons per day
	gallons per day
	gallons per day
	gallons per day

2. Water treatment processes in use:

_____ Chemical coagulation, including use of alum, ferric chloride, polymers, etc.

_____ Lime softening

_X_ Resin (ion exchange) water softening

_____ Filtration

_____ Chemical (chlorine or ozone) disinfection

_____ Others _____

3. List Water Consumption in Plant:

	Reused for	
Cooling Water	process water	gallons per day
Boiler Feed	200	gallons per day
Process Water	83,000	gallons per day
Sanitary System*	4,000	gallons per day
Contained in Product		gallons per day
Other ( )		gallons per day

*Sanitary flow can be estimated at 10 gpd per employee.

4. List average volume of discharge or water loss to:

City Wastewater Sewer	85,500	gallons per day
Septic Tank Discharge		gallons per day
Surface Discharge		gallons perday
Waste Hauler		gallons per day
Evaporation	1,700	gallons per day
Contained in Product		gallons per day

5. Is Discharge to Sewer: _____ Intermittent __X__ Steady
During plant operation

6. List average water usage for SIC Processes itemized in Section B-5 above:

Regulated SIC No.	Brief Process Description	Average Water Consumption(GPD)
3471	Metal finishing	83,000

SECTION E. SEWER CONNECTION AND DISCHARGE INFORMATION

1. List plant sewer outlets and flow: (assign sequential reference number to each sewer starting with No. 1).

Reference No.	Descriptive Location of Sewer Connection or Discharge Point	Avg. Flow (gpd)
1	Manhole openning near sidewalk directly in front of the main office per print.	

2. Attach a scaled drawing or dimensioned sketch of the industrial complex showing location of sewer referenced in E-1 above and location of the SIC process described in Section D-5. Show location of monitoring manhole, if any, and other possible sampling points for sewers and SIC process effluents. Indicate how City industrial monitoring staff can gain access to the sampling points. For reference and field orientation buildings, streets, alleys, and other pertinent physical structures should be included.

3. Is plant required to prepare a Spill Prevention Control and Countermeasure (SPCC) Plan per 40 CFR 112 or a RCRA Contingency Plan?
   No If report has been prepared, attach copy. Copy attached.
   Yes If report is required, but has not yet been prepared, indicate date when it will be submitted. Spring of 1984

SECTION F. PRIORITY POLLUTANT INFORMATION

1. Please indicate by placing an "X" in the appropriate box by each listed chemical whether it is Suspected to be Absent, Known to be Absent, Suspected to be Present, or Known to be Present in your manufacturing or service activity or generated as a byproduct. Some compounds are known by other names. Please refer to Appendix A for those compounds which have an asterisk(*).

ITEM NO.	CHEMICAL COMPOUND	SUSPECTED ABSENT	KNOWN ABSENT	SUSPECTED PRESENT	KNOWN PRESENT
1.	ammonia				X
2.	asbestos (fibrous)		X		
3.	cyanide (total)				X
			X		
4.	antimony (total)		X		
5.	arsenic (total)		X		
6.	beryllium (total)		X		
7.	cadmium (total)		X		
8.	chromium (total)				X
9.	copper (total)				X
10.	lead (total)				X
11.	mercury (total)		X		
12.	nickel (total)				X
13.	selenium (total)		X		
14.	silver (total)				X
15.	thallium (total)		X		
16.	zinc (total)				X
17.	acenaphthene				
18.	acenaphthylene				
19.	acrolein				
20.	acrylonitrile				
21.	aldrin				
22.	anthracene				
23.	benzene				
24.	benzidine				
25.	benzo(a)anthracene*				
26.	benzo(a)pyrene*				
27.	benzo(b)fluoranthene				
28.	benzo(g,h,i)perylene*				
29.	benzo(k)fluoranthene*				
30.	a-BHC (alpha)				
31.	b-BHC (beta)				
32.	d-BHC (delta)				
33.	g-BHC* (gamma)				
34.	bis(2-chloroethyl)ether*				
35.	bis(2-chloroethoxy)methane*				
36.	bis(2-chloroisopropyl)ether*				
37.	bis(chloromethyl)ether*				
38.	bis(2-ethylhexyl)phthalate*				
39.	bromodichloromethane*				
40.	bromoform*				
41.	bromomethane*				
42.	4-bromophenylphenyl ether*				
43.	butylbenzyl phthalate				
44.	carbon tetrachloride*				
45.	chlordane				
46.	4-chloro-3-methylphenol*				

ITEM NO.	CHEMICAL COMPOUND	SUSPECTED ABSENT	KNOWN ABSENT	SUSPECTED PRESENT	KNOWN PRESENT
47.	chlorobenzene				
48.	chloroethane*				
49.	2-chloroethylvinyl ether				
50.	chloroform*				
51.	chloromethane*				
52.	2-chloronaphthalene				
53.	2-chlorophenol*				
54.	4-chlorophenylphenyl ether*				
55.	chrysene*				
56.	4,4'-DDD*				
57.	4,4'-DDE*				
58.	4,4'-DDT*				
59.	dibenzo(a,h)anthracene*				
60.	dibromochloromethane*				
61.	1,2-dichlorobenzene*				
62.	1,3-dichlorobenzene*				
63.	1,4-dichlorobenzene*				
64.	3,3'-dichlorobenzidine				
65.	dichlorodifluoromethane*				
66.	1,1-dichloroethane*				
67.	1,2-dichloroethane*				
68.	1,1-dichloroethene*				
69.	trans-1,2-dichloroethene*				
70.	2,4-dichlorophenol				
71.	1,2-dichloropropane*				
72.	(cis & trans)1,3-dichloropropene*				
73.	dieldrin				
74.	diethyl phthalate*				
75.	2,4-dimethylphenol*				
76.	dimethyl phthalate				
77.	di-n-butyl phthalate				
78.	di-n-octyl phthalate*				
79.	4,6-dinitro-2-methylphenol*				
80.	2,4-dinitrophenol				
81.	2,4-dinitrotoluene				
82.	2,6-dinitrotoluene				
83.	1,2-diphenylhydrazine*				
84.	endosulfan I*				
85.	endosulfan II*				
86.	endosulfan sulfate				
87.	endrin				
88.	endrin aldehyde				
89.	ethylbenzene				
90.	fluoranthene				
91.	fluorene*				
92.	heptachlor				
93.	heptachlor epoxide				

SECTION F. PRIORITY POLLUTANT INFORMATION (CON'T)

ITEM NO.	CHEMICAL COMPOUND	SUSPECTED ABSENT	KNOWN ABSENT	SUSPECTED PRESENT	KNOWN PRESENT	ITEM NO.	CHEMICAL COMPOUND	SUSPECTED ABSENT	KNOWN ABSENT	SUSPECTED PRESENT	KNOWN PRESENT
94.	hexachlorobenzene*					112.	PCB-1248*				
95.	hexachlorobutadiene					113.	PCB-1254*				
96.	hexachlorocyclopenta-					114.	PCB-1260*				
	diene*					115.	pentachlorophenol				
97.	hexachloroethane*					116.	phenanthrene				
98.	indeno(1,2,3-cd)pyrene*					117.	phenol				
99.	isophorone*					118.	pyrene				
100.	methylene chloride*					119.	2,3,7,8-tetrachlorodi-				
101.	naphthalene						benzo-p-dioxin*				
102.	nitrobenzene					120.	1122-tetrachloroethane*				
103.	2-nitrophenol*					121.	tetrachloroethene*				
104.	4-nitrophenol*					122.	toluene*				
105.	n-nitrosodimethylamine*					123.	toxaphene				
106.	n-nitrosodipropylamine*					124.	1,2,4-trichlorobenzene				
107.	n-nitrosodiphenylamine*					125.	1,1,1-trichloroethane*				
108.	PCB-1016*					126.	1,1,2-trichloroethane*				
109.	PCB-1221*					127.	trichloroethene*				
110.	PCB-1232*					128.	trichlorofluoromethane*				
111.	PCB-1242*					129.	2,4,6-trichlorophenol				
						130.	vinyl chloride*				

2. For chemical compounds in F-2 above which are indicated to be "Known Present," please list and provide the following data for each: (attach additional sheets if needed).

ITEM NO.	CHEMICAL COMPOUND	ANNUAL USAGE (LBS)	ESTIMATED LOSS TO SEWER LBS./YR.	ITEM NO.	CHEMICAL COMPOUND	ANNUAL USAGE (LBS)	ESTIMATED LOSS TO SEWER LBS./YR.
1	Ammonia	N/A *	8 lbs				
3	Cyanide		39 "				
8	Chromium		153 "				
9	Copper		1334 "				
10	Lead		95 "				
12	Nickel		806 "				
14	Silver		3 "				
16	Zinc		1300 "				

*Note: N/A Annual losser based upon 1 day measured individual flow rates on composted samples with data combined to show annual rates.

3. List any other chemicals known or anticipated to be present in the discharge.

None

4. Describe, what if any, laboratory analyses have been conducted on process waste streams in the plant, including which streams were sampled, what parameters were measured, and frequency and type of samples. (The baseline report referred to in G2 below can be referenced in answering this question.)

An industrial waste survey was conducted section 4 survey result is enclosed (page 8 thru 15)

SECTION G. PRETREATMENT

1. Is this plant subject to an existing Pretreatment Standard?

Yes

2. Is this plant required to submit a baseline report per 40 CFR 403.12? Yes If a baseline report has been prepared, attach a copy to this questionnaire. Copy attached. NO If a baseline report is required, but has not yet been prepared, indicate date that it will be submitted. SPRING 1984

3. If subject to Federal Pretreatment Standards, are the standards being met on a consistent basis? (The baseline report can be referred to in answering this question.)

No

4. Are additional pretreatment facilities and/or operation and maintenance required to meet Pretreatment Standards? If additional pretreatment and/or operation and maintenance are required, list the schedule by which they will be provided. (The baseline report can be referred to in answering this question.)

It is intended that pre treatment facilities will be installed in Spring of 1984.

5. Describe residuals (sludges, precipitates, etc.) that are produced or result at your facility and the methods employed to dispose of the residuals. List names of waste haulers, if applicable.

Spent lacquer stripping solutions, elctro plating process bath sludges, trichlor sludge. (vapor degreasing still bottoms)

Gold Shield Solvents 2263 Distributors Dr. Indianapolis, Ind. 46241	Trichlorethylene hauler
A-1 Disposal Corp. 400 Broad st. Plainwell, Mich. 49080	Other